

**RESTORATION INFORMATION MANAGEMENT SYSTEM
FORMERLY USED DEFENSE SITES (FUDS)
PROJECT FACT SHEET
MAY 1996**

**TAG REVIEW DATE: 11 JULY 1996
RE-TAG DATE: 22 April 1998**

1. **SITE NAME:** Naval Proving Ground

SITE NUMBER: F10ID070100

LOCATION:

City: Arco
County: Butte & Jefferson
State: Idaho

PROJECT NUMBER: F10ID070101

CATEGORY: OE

INPR RAC: 2

ASR RAC: 1

TAG RAC: 2

2. **POC's:**

TECHNICAL MANAGER:

Name: Robert Nore
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GEO DISTRICT POC:

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GEO DIVISION POC:

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HEADQUARTERS POC:

Name: James K. Coppola
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SUPPORT DISTRICT (ASR) POC:

Name: Jerry Russell
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ASR/INPR TEAM POC:

Name: Jason B. Adams
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3. **SITE DESCRIPTION:**

The former Naval Proving Ground is located approximately 7 miles east of Arco, . Idaho. The site consisted of 172,494.65

acres of relatively flat, semiarid, and desert-like land covered primarily with sagebrush. Elevations on the Former Naval Proving Ground vary from 5,200 ft in the northeast to 4,750 ft in the southwest, with an average elevation of about 5,000 ft. The Big Lost River runs, when it has water, along the western side of the former Naval Proving Ground. The river channel is presently dry throughout most of the year, probable the result of upstream irrigation. Most of the former Naval Proving Ground is currently owned by the Department of Energy (DOE) with a very small portion owned by the Bureau of Land management (BLM).

4. SITE HISTORY:

In 1942 the U.S. Navy acquired 172,494.65 acres for use as a Naval Proving Ground (NPG). The NPG was used to test fire 3 to 16-inch diameter Naval ship guns reconditioned at the Naval Ordnance Plant. The length from the firing points to the end of the range was 30 miles. Between 1942 and 1950, approximately 1,650 minor (3 to 5 inch) and major (16 inch) guns were tested at the NPG. The test firings totaled 11,960 shells, with a combined total fired slug weight of 792,363 pounds. Forty-one percent of the total were 5-inch shells.

Additional work at the NPG included experimental and test work, primarily in mass detonations. During the large mass detonation tests, hundreds of thousands of pounds of explosives in land mines, smokeless powder, and bombs were placed in explosives storage bunkers and detonated to determine the effects on collocated bunkers and facilities. Stacks of ammunition were shot with high explosive projectiles to test their susceptibility to enemy fire.

In 1950 the 172,494.65 acres that comprised the NPG were transferred from the Navy to the Atomic Energy Commission (AEC) for the National Reactor Testing Station (NRTS). The purpose was to build, test and operate various types of nuclear reactors and allied plants and equipment. The property was still under Department of Defense (DOD) control.

During 1968, the Naval Ordnance Test Facility (NOTF) was established at the south end of the former NPG. The Navy used this facility after the NPG had been transferred to the Atomic Energy Commission. The NOTF was a temporary facility used to test the 16 inch guns for the battleship New Jersey.

The former Naval Proving Ground is currently located within the boundaries of the Idaho National Engineering Laboratory (INEL). INEL is operated by the Department of Energy (DOE). Contractors to DOE operate nine primary facilities at the INEL, as well as administrative, scientific support, and non-nuclear

research laboratories in Idaho Falls. The nine primary facilities are as follows: Argonne National Laboratory-West, Central Facilities Area Experimental Breeder Reactor I, Idaho Chemical Processing Plant, Naval Reactor Facility, Power Burst Facility, Radioactive Waste Management Complex, Test Area North, and Test Reactor Area.

5. PROJECT DESCRIPTION:

Area A: Land Mine & Fuze Burn Area

Size:	19 acres
Former Use:	Burn Area
Current Use:	DOE Facility
Probable End Use:	Same as current
Ordnance Presence:	Confirmed (From ASR)
Types:	Live land mine fuzes, shipping rings for large bombs, bomb fuzwell shipping plugs

Area B: Mass Detonation Area

Size:	796 acres
Former Use:	Mass Detonation Area
Current Use:	DOE Facility
Probable End Use:	Same as current
Ordnance Presence:	Confirmed (From ASR)
Types:	Live land mine fuzes Potential (From ASR)
Types:	Land mines, Bombs, Bulk high explosive and smokeless powder

Area C: Rail Car Detonation Site

Size:	483 acres
Former Use:	Rail Car Detonation Site
Current Use:	DOE Facility
Probable End Use:	Same as current
Ordnance Presence:	Confirmed (From ASR)
Types:	Unfuzed 5 inch projectiles, frag from 8-inch projectiles, MK14 depth charges and pieces of explosives Potential (From ASR)
Types:	Bombs and Navy mines

Area D: Naval Ordnance Disposal Area

Size: 138 acres
 Former Use: Naval Ordnance Disposal Area
 Current Use: DOE Facility
 Probable End Use: Same as current
 Ordnance Presence: Confirmed (From ASR)
 Types: Pieces of explosives, auxiliary
 detonating fuze
 Potential (From ASR)
 Types: Fuzes, Projectiles, and Grenades

Area E: Naval Ordnance Test Facility (NOTF)

Size: 22 acres
 Former Use: Firing point for proof testing of
 gun barrels
 Current Use: DOE Facility
 Probable End Use: Same as current
 Ordnance Presence: None
 Types: N/A

Area F: Big Southern Butte (NOTF Impact Area)

Size: 55 acres
 Former Use: Impact point for proof testing of
 gun barrels (BLM Land)
 Current Use: BLM Land
 Probable End Use: Same as Current
 Ordnance Presence: None
 Types: N/A

Area G: NOTF Firing Fan

Size: 1,838 acres
 Former Use: NOTF Firing Fan
 Current Use: BLM Land
 Probable End Use: Same as current
 Ordnance Presence: None
 Types: N/A

Area H: CFA Firing Point Area

Size: 60 acres
 Former Use: Proof testing of naval gun barrel
 Current Use: DOE Facility
 Probable End Use: Same as Current
 Ordnance Presence: None
 Types: N/A

Area I: NPG Impact Area

Size: 90,681 acres
Former Use: NPG Impact Area
Current Use: DOE Facility
Probable End Use: Same as current
Ordnance Presence: None
Types: N/A

Area J: NOAA Grid & Fire Station II

Size: 443 acres
Former Use: NOAA Grid & Fire Station II
Current Use: NOAA Grid)fire station inactive)
Probable End Use: Same as current
Ordnance Presence: None
Types: N/A

Area K: Dairy Farm Area

Size: 1,375 acres
Former Use: Dairy Farm Area
Current Use: DOE Facility
Probable End Use: Same as current
Ordnance Presence: None
Types: N/A

Area L: Area east of TRA

Size: 358 acres
Former Use: Bombs East of TRA
Current Use: DOE Facility
Probable End Use: Same as current
Ordnance Presence: None
Types: N/A

Area M: Area east of ICPP

Size: 171 acres
Former Use: Craters East of ICPP
Current Use: DOE Facility
Probable End Use: Same as current
Ordnance Presence: None
Types: N/A

Area N: Remaining Lands

Size: 78,142 acres
Former Use: Remaining Lands (unused and admin areas)
Current Use: DOE Facility

Probable End Use: Same as current
Ordinance Presence: Uncontaminated

6. CURRENT STATUS: The Archives Search Report was completed by Rock island District in May 1996. The original TAG RAC was A RAC 1 EE/CA for Areas A - M. A site inspection trip was performed 8-11 December 1997 to determine if the site constituted a RAC 1 EE/CA. It was determined that Areas F & G do not have the potential for OE. It was also determined that Areas E, H, I, J, K, L, and M have been cleared of OE by DOE. Areas A, B, C, and D are scheduled to be cleared with in the next few years. The Technical Advisory Group(TAG) concured with the changing of RAC 1 EE/CA for Areas E - M to a RAC 5 NOFA. The TAG also recommended RAC 2 EE/CA for Areas A - D. Once Areas A - D are cleared, Mr. Hance Clayton, EOD Safety Speacialist for DOE, will be asked to furnish Huntsville with a finialized document of the work performed. Once this documentation is received the project will be reviewed and tagged so the project can be closed out as a NOFA.

7. STRATEGY:

AREA A: EE/CA
AREA B: EE/CA
AREA C: EE/CA
AREA D: EE/CA
AREA E: NOFA
AREA F: NOFA
AREA G: NOFA
AREA H: NOFA
AREA I: NOFA
AREA J: NOFA
AREA K: NOFA
AREA L: NOFA
AREA M: NOFA
AREA N: NOFA

8. ISSUES AND CONCERNS:

Department of Energy currently has plans to finish clearing the four areas still believed to have OE present. The area is under control of the DOE and access to the site is limited to DOE workers and contractors. Although there is not a barrier around the site, the site is patrolled by DOE security guards.

9. SCHEDULE SUMMARY:

	Orig.	Sch.	Actual	Orig.	Sch.	Actual
Phase	Start	Start	Start	Comp	Comp.	Comp.
EE/CA						

10. FUNDING/BUDGET SUMMARY:

Year	Phase	EXEC FOA	IN House Required	Contract Required	Funds Obligated
1	EE/CA		\$100,000	\$1,000,000	
2	EE/CA		\$100,000		
3	RA		\$150,000	\$4,000,000	
4	RA		\$150,000	\$4,000,000	